



SEQUENCE LISTING.txt  
SEQUENCE LISTING

<110> Hong Kong University of Science & Technology  
Lai, Kwok On  
Ip, Nancy Yuk-Yu

<120> CLONING OF A NOVEL NEUROTROPHIN NT-7 FROM CARP

<130> 32144183-000009

<140> 09/157,984

<141> 1998-09-22

<160> 14

<170> PatentIn version 3.3

<210> 1

<211> 133

<212> PRT

<213> Cyprinus carpio

<400> 1

Lys Ala Asn Asp Phe Leu His Arg Gly Glu Tyr Ser Val Cys Asp Ser  
1 5 10 15

Glu Glu His Trp Val Gly Asn Leu Thr Gln Ala Thr Asp Leu Arg Gly  
20 25 30

Asn Glu Val Thr Val Leu Pro His Val Arg Ile Asn Asn Val Val Lys  
35 40 45

Lys Gln Met Phe Tyr Glu Thr Thr Cys Arg Val Ser Lys Pro Ile Gly  
50 55 60

Ala Pro Lys Pro Gly Gln Gly Val Ser Gly Val Lys Ala Gly Thr Ser  
65 70 75 80

Ser Cys Arg Gly Ile Asp Asn Glu His Trp Asn Ser Tyr Cys Thr Asn  
85 90 95

Val His Thr Phe Val Arg Ala Leu Thr Ser Tyr Lys Asn Gln Ile Ala  
100 105 110

Trp Arg Phe Ile Arg Ile Asn Ala Ala Cys Val Cys Val Leu Ser Arg  
115 120 125

Asn Ser Trp Arg His  
130

<210> 2

<211> 519

<212> DNA

SEQUENCE LISTING.txt

<213> Cyprinus carpio

<400> 2  
ccaggcccgc gaggccggcg gaaggccaac gacttcttgc atcgcggcga gtactctgtg 60  
tgtgacagcg aagagcactg ggttggcaac ctgacccaag ccacagactt acggggcaat 120  
gaagtcacgg tgctgccaca tgctcgcatc aacaacgtgg tgaagaagca gatgttctac 180  
gagaccacgt gccgtgtgtc gaagcccatc ggggccccca agccgggtca aggagtcagc 240  
ggcgttaaag caggaacctc tagctgtcgt gggatcgaca acgagcactg gaactcttat 300  
tgcaccaacg tgcacacctt tgtgcgggcg ttaacgtcct acaaaaacca gattgcctgg 360  
aggttcatcc gaatcaacgc cgcttgcgtg tgcgtcctca gccgcaactc atggaggcat 420  
tgactgacat attgtttcag ccaatccact gcagcctcct gtcgtaagcc cctcccaccc 480  
atcaataata acaacagccg cactgccaac gttggtgat 519

<210> 3  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> Peptide

<400> 3  
Tyr Ser Val Cys Asp Ser  
1 5

<210> 4  
<211> 18  
<212> DNA  
<213> Artificial

<220>  
<223> oligonucleotide

<400> 4  
gtactctgtg tgtgacag 18

<210> 5  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> Peptide

<400> 5  
Ile Asn Ala Ala Cys Val  
1 5

<210> 6

SEQUENCE LISTING.txt

<211> 17  
 <212> DNA  
 <213> Artificial  
 <220>  
 <223> oligonucleotide  
 <400> 6  
 cacacatgca gcgttga 17

<210> 7  
 <211> 17  
 <212> DNA  
 <213> Artificial  
 <220>  
 <223> oligonucleotide  
 <400> 7  
 aaatgatacg gggagcc 17

<210> 8  
 <211> 17  
 <212> DNA  
 <213> Artificial  
 <220>  
 <223> oligonucleotide  
 <400> 8  
 aaggggcgga gtctcag 17

<210> 9  
 <211> 19  
 <212> DNA  
 <213> Artificial  
 <220>  
 <223> oligonucleotide  
 <400> 9  
 cttagatcgt gtgcccatg 19

<210> 10  
 <211> 19  
 <212> DNA  
 <213> Artificial  
 <220>  
 <223> oligonucleotide  
 <400> 10  
 gggtgagtct tcaatgctg 19

<210> 11  
 <211> 19  
 <212> DNA  
 <213> Artificial

SEQUENCE LISTING.txt

<220>  
<223> oligonucleotide

<400> 11  
ataacgtgga cgtgtgccc

19

<210> 12  
<211> 19  
<212> DNA  
<213> Artificial

<220>  
<223> oligonucleotide

<400> 12  
caagagcggc ccacacctc

19

<210> 13  
<211> 6  
<212> PRT  
<213> Artificial

<220>  
<223> Peptide

<400> 13

Phe Tyr Glu Thr Thr Cys  
1 5

<210> 14  
<211> 5  
<212> PRT  
<213> Artificial

<220>  
<223> Peptide

<400> 14

Ala Cys Val Cys Val  
1 5